

FIG. 1

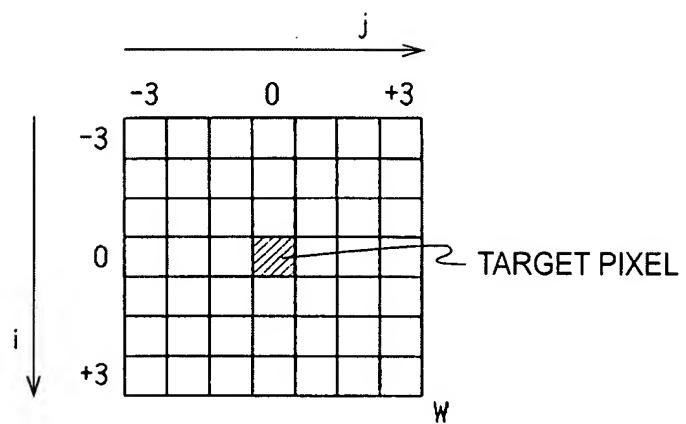


FIG. 2

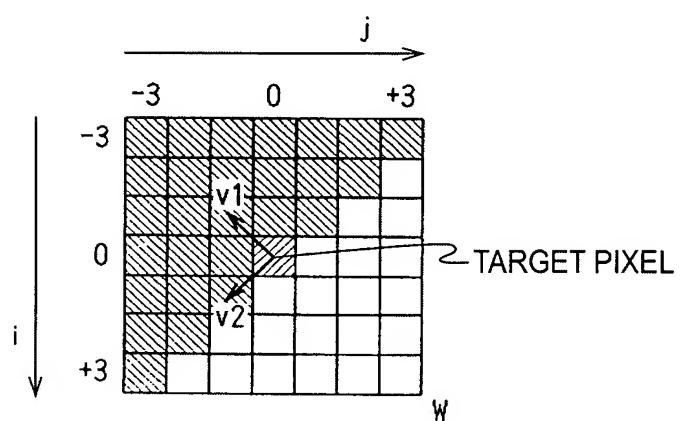


FIG. 3

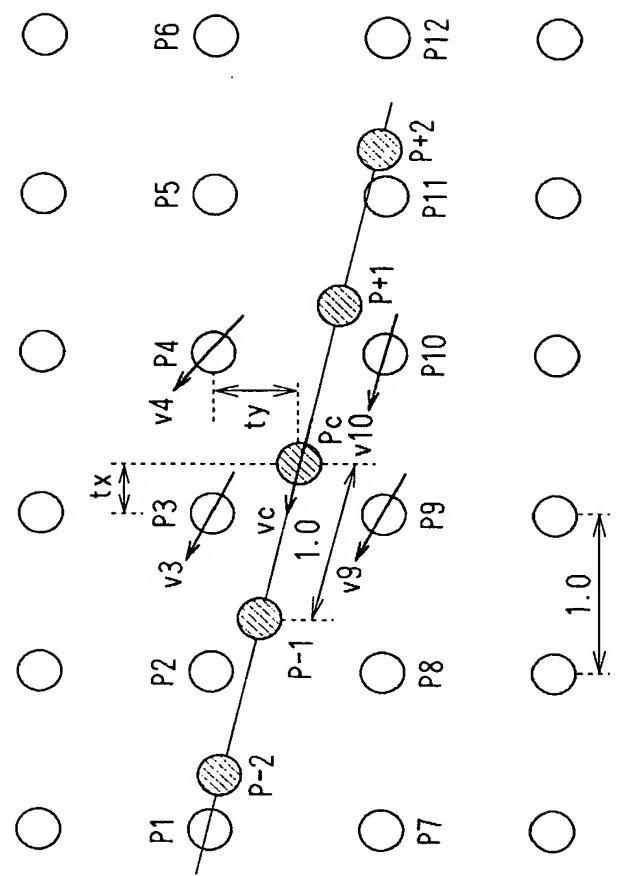


FIG. 4

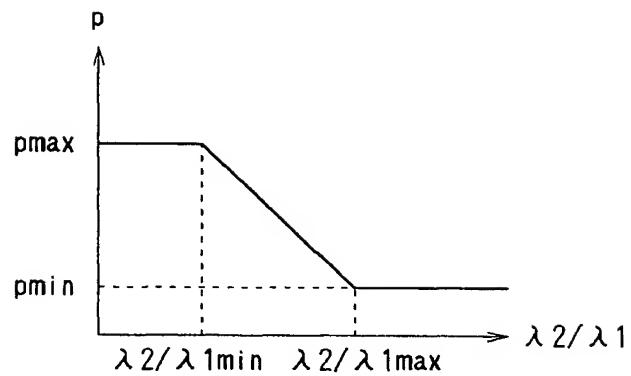


FIG. 5

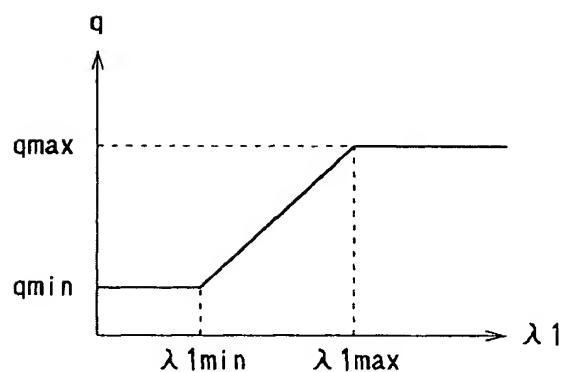


FIG. 6

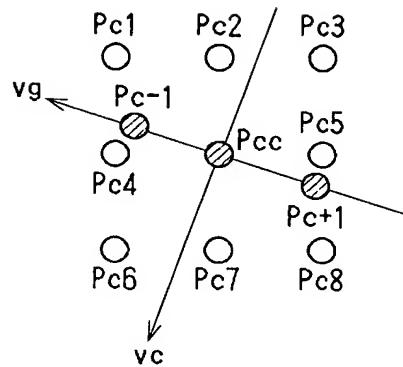


FIG. 7

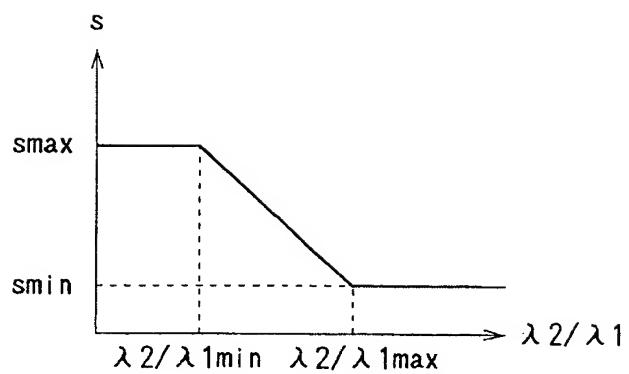


FIG. 8

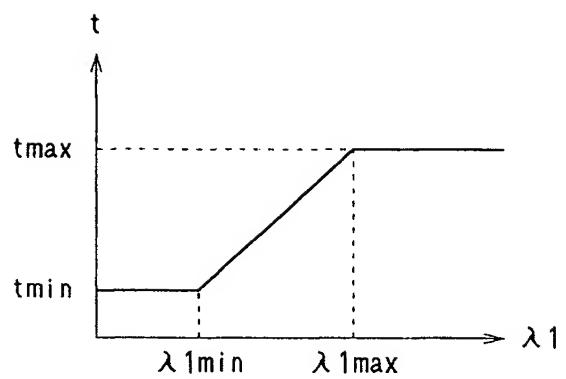


FIG. 9

DESCRIPTION OF REFERENCE NUMERALS

1 … … IMAGE PROCESSING APPARATUS, 2 … … EDGE DETECTION UNIT, 3… … GRADIENT MATRIX GENERATION UNIT, 4 … … EIGENVALUE AND EIGENVECTOR DETECTION UNIT, 5 … … EDGE DIRECTION PROCESSING UNIT, 6 … … EDGE DIRECTION PROCESSING RANGE DETERMINATION UNIT, 7 … … EDGE GRADIENT DIRECTION PROCESSING UNIT, 8 … … INTERPOLATION PROCESSING UNIT, 9 … … BLEND RATIO DETERMINATION UNIT, 10 … … BLEND PROCESSING UNIT